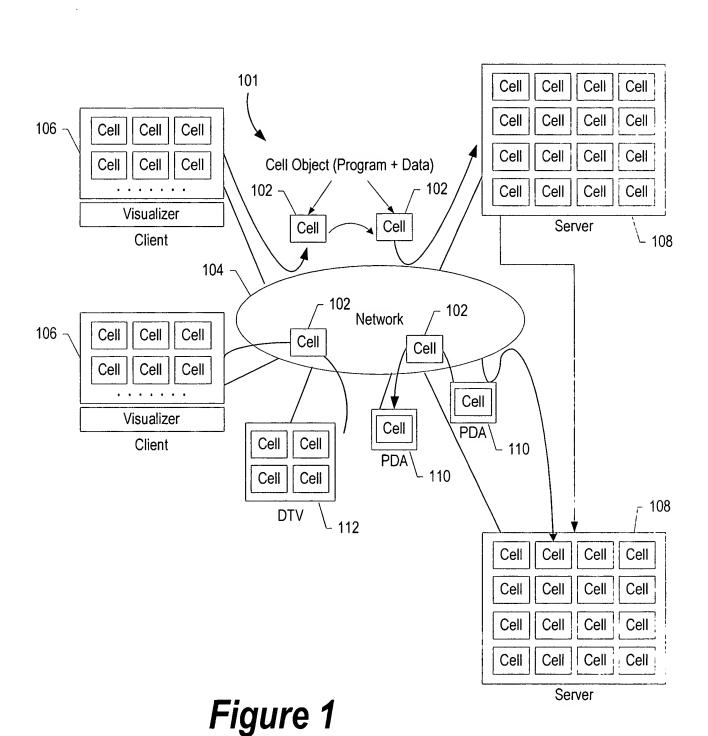
EL978317440US

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Docket No. AUS920030403US1

Hofstee, et al.

System and Method for a Configurabl Int rface Controll r



Docket No. AUS920030403US1
Hofstee, et al.
Syst m and Method for a Configurable Interface Controller

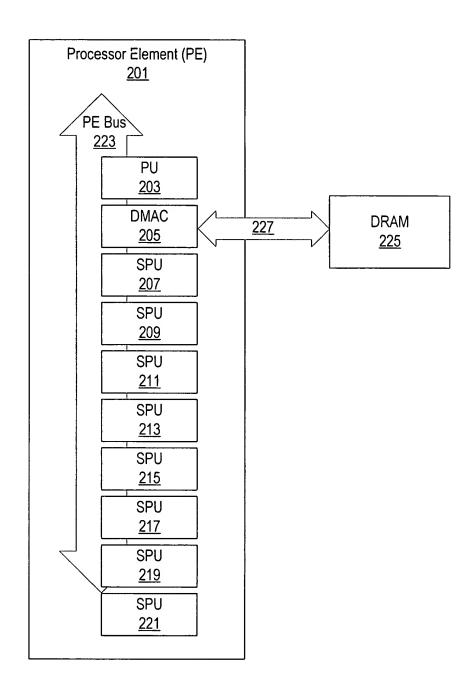


Figure 2

## Docket No. AUS920030403US1 Hofstee, et al. System and Method for a Configurabl Interface Controll r

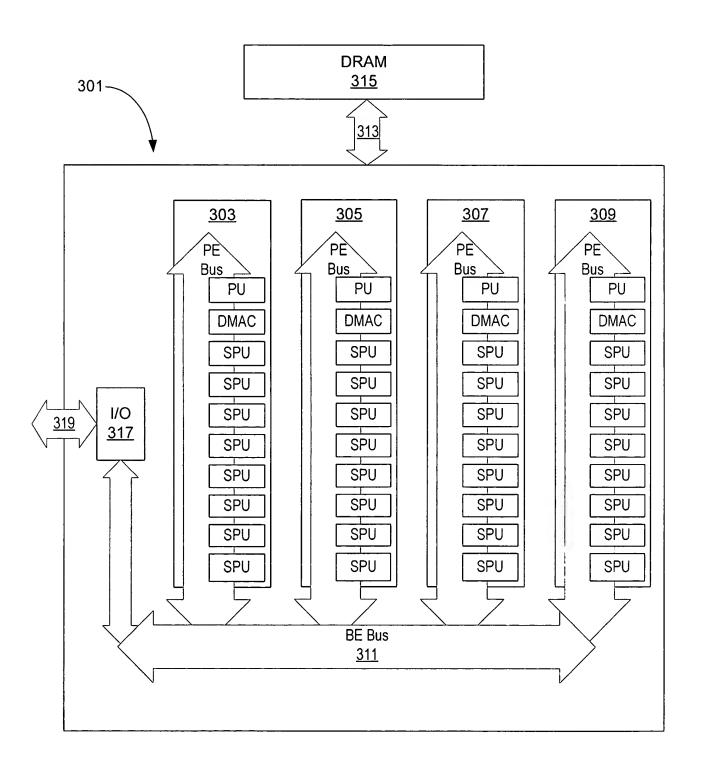


Figure 3

Docket No. AUS920030403US1
Hofstee, et al.
System and M thod for a Configurabl Interface Controller



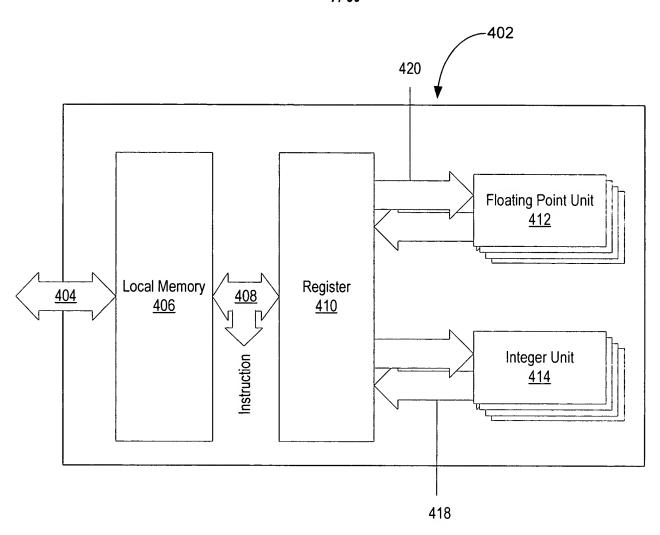


Figure 4

## Docket No. AUS920030403US1 Hofstee, et al. System and M thod for a Configurable Int rface Controller

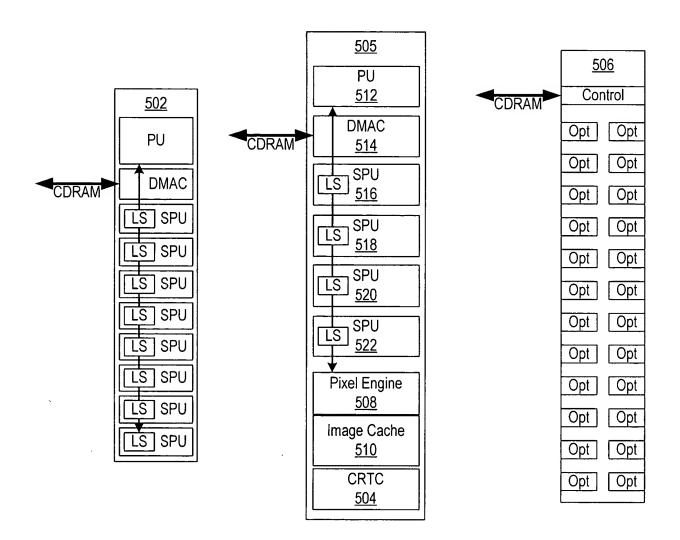
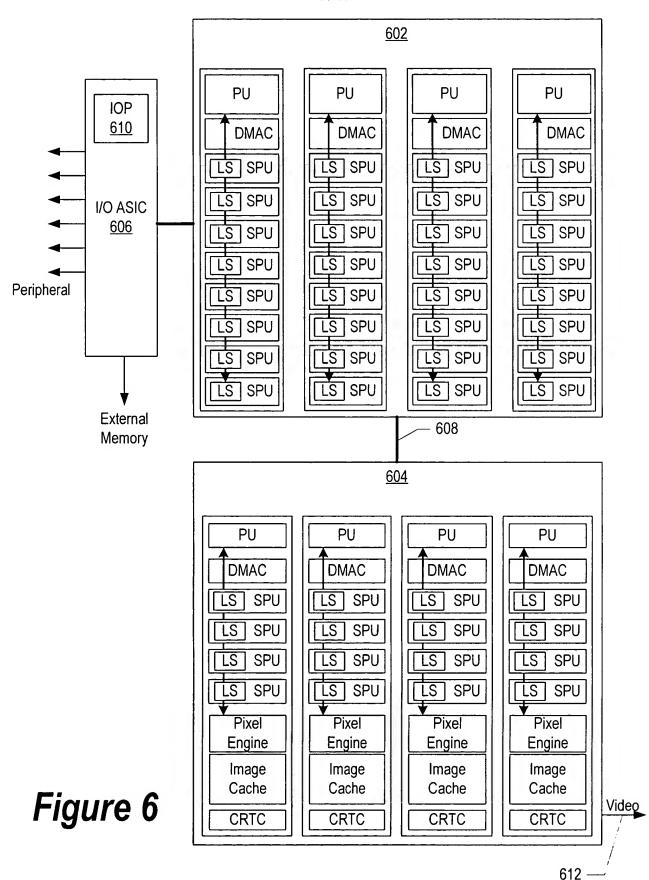
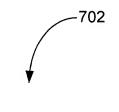


Figure 5

## Docket No. AUS920030403US1 Hofstee, tal. Syst m and Method for a Configurable Interface Controll r



### Docket No. AUS920030403US1 Hofstee, et al. System and M thod for a Configurabl Interface Controll r



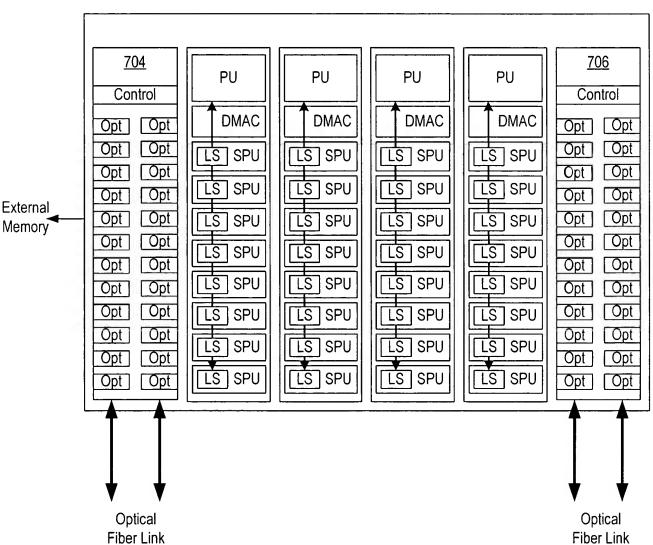


Figure 7

## Docket No. AUS920030403US1 H fste , et al. System and Method for a Configurable Int rface Controller

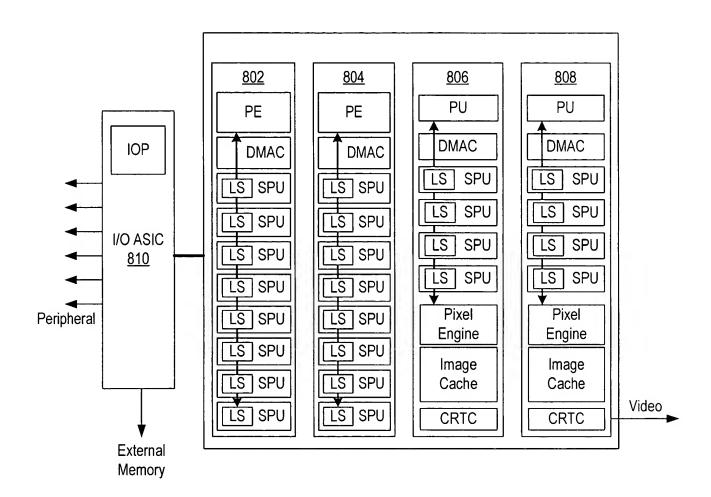


Figure 8

Dock t No. AUS920030403US1
Hofstee, et al.
Syst m and Method for a Configurabl Int rface Controller

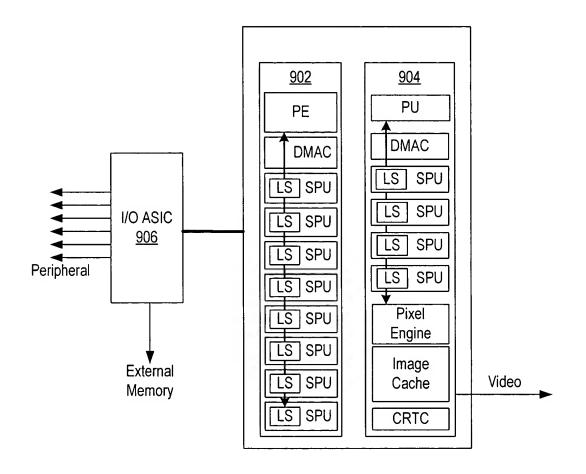


Figure 9

Docket No. AUS920030403US1
Hofstee, et al.
System and Method for a Configurable Interface Controll r

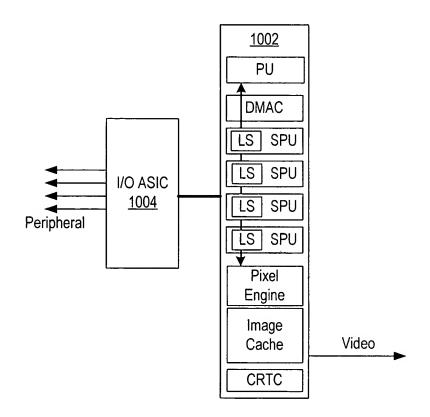
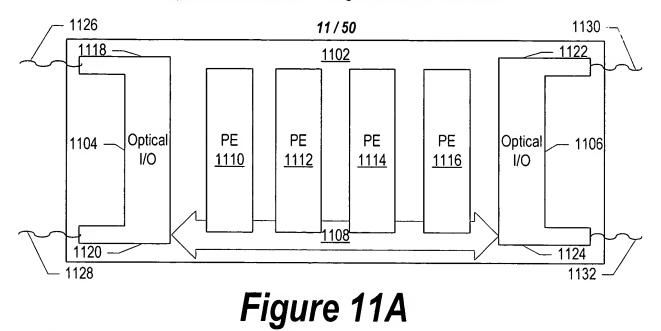
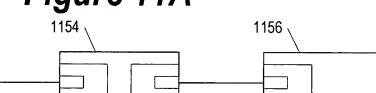


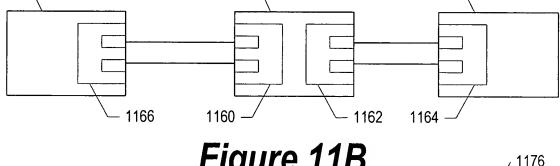
Figure 10

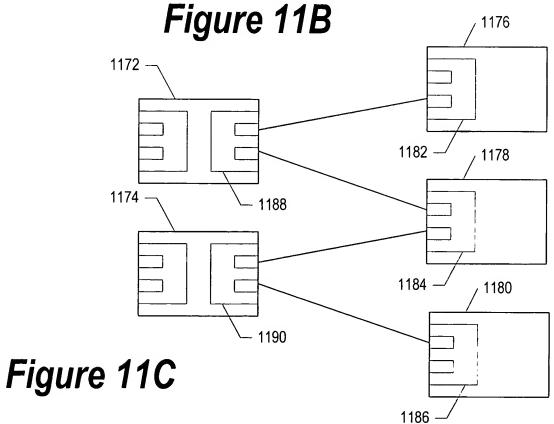
1152

#### Docket No. AUS920030403US1 Hofstee, et al. System and M thod for a Configurable Interfac Controller

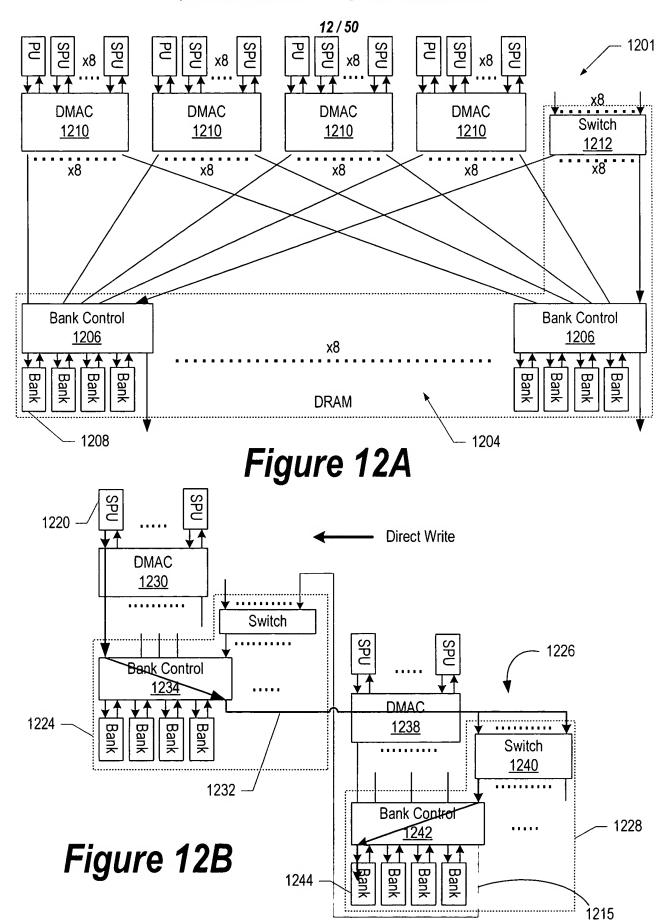








## Docket No. AUS920030403US1 Hofstee, et al. System and Method for a Configurable Interface Controll r



## Docket No. AUS920030403US1 Hofstee, et al. Syst m and M thod for a Configurable Int rfac Controller

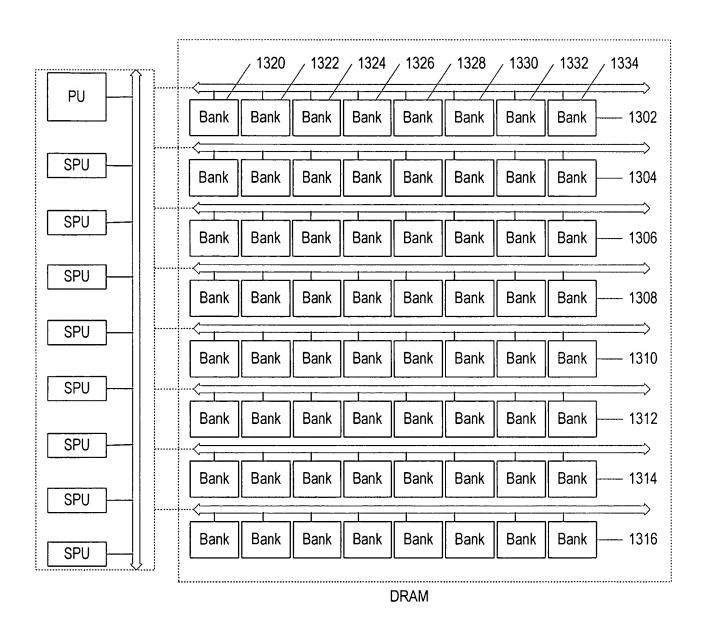


Figure 13

## Docket No. AUS920030403US1 Hofstee, t al. System and Method for a Configurabl Interface Controller

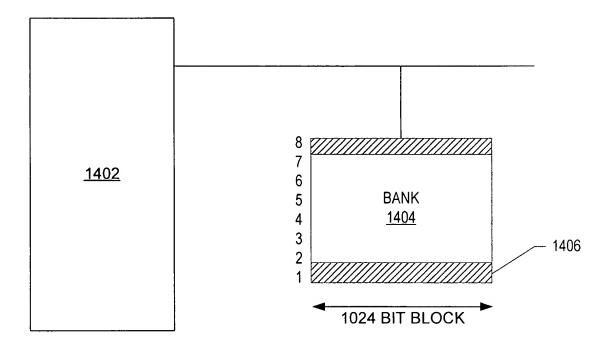


Figure 14A

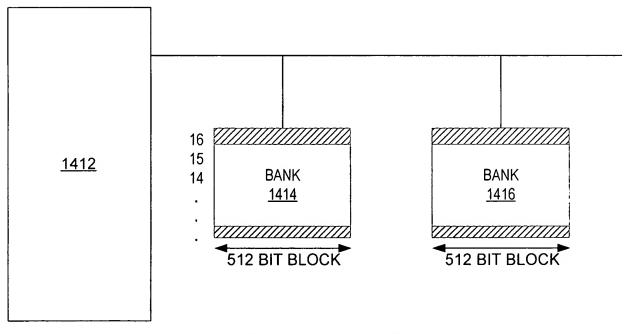


Figure 14B

Docket No. AUS920030403US1
Hofstee, et al.
System and Method for a Configurable Interface Controller

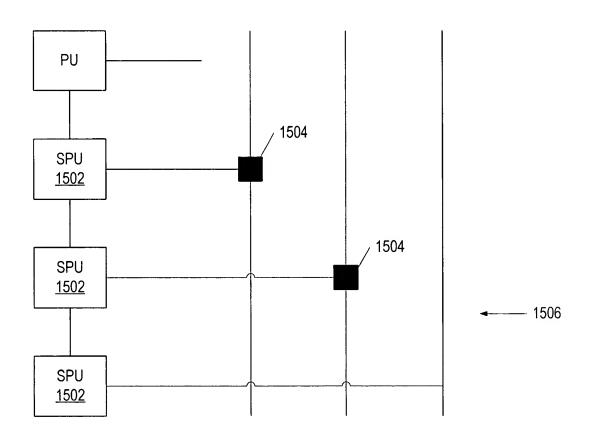


Figure 15

## Dock t No. AUS920030403US1 Hofste , et al. System and Method for a Configurabl Interface Controller

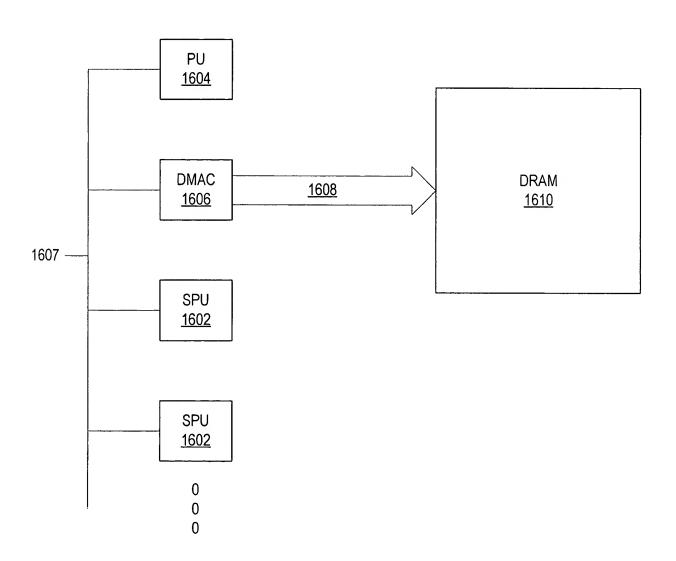
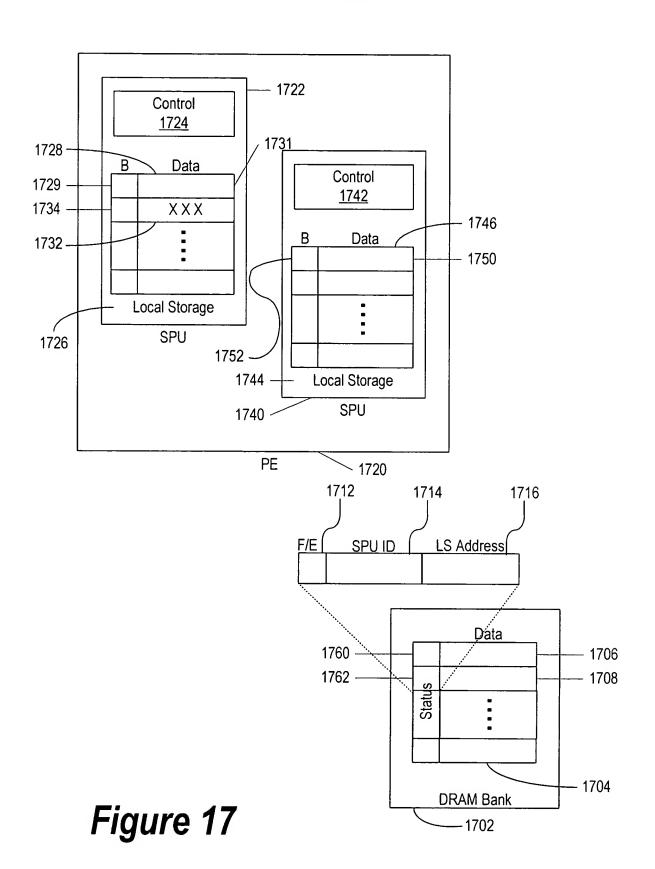


Figure 16

## Docket No. AUS920030403US1 Hofste , et al. System and Method for a Configurable Interfac Controller



## Docket No. AUS920030403US1 Hofste , t al. Syst m and Method for a Configurable Interface Controller

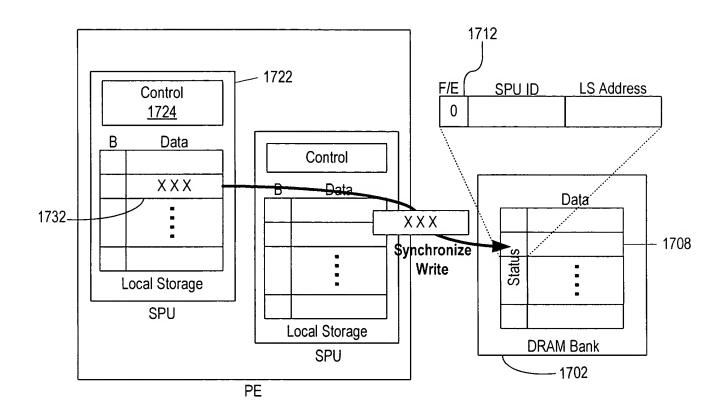


Figure 18

## Docket No. AUS920030403US1 Hofste , et al. Syst m and M thod for a Configurable Interface Controll r

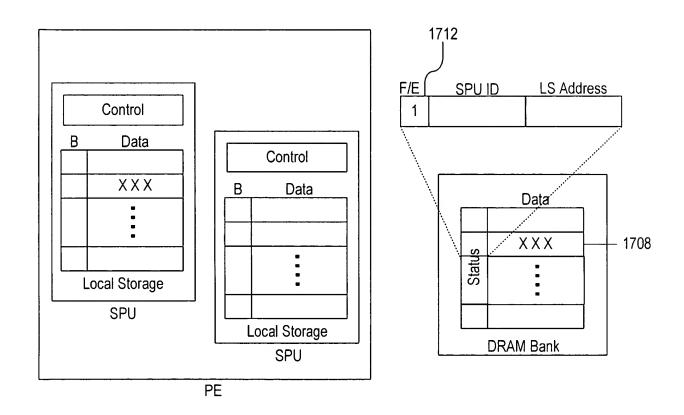
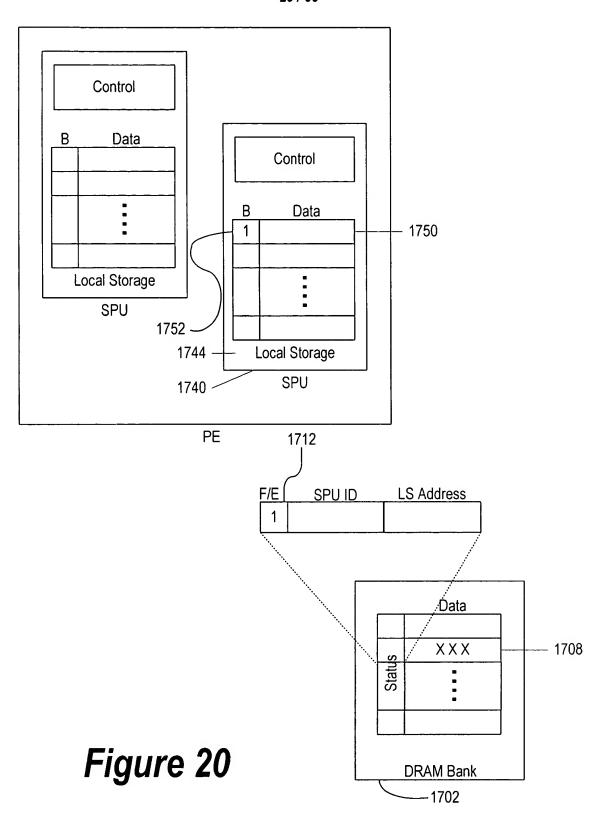


Figure 19

## Dock t No. AUS920030403US1 Hofstee, et al. Syst m and Method for a Configurable Interfac Controller



## $\begin{tabular}{ll} \textbf{Docket No. AUS920030403US1} \\ \textbf{Hofst} & , & t al. \\ \begin{tabular}{ll} \textbf{System and Method for a Configurabl Interface Controll r} \\ \end{tabular}$

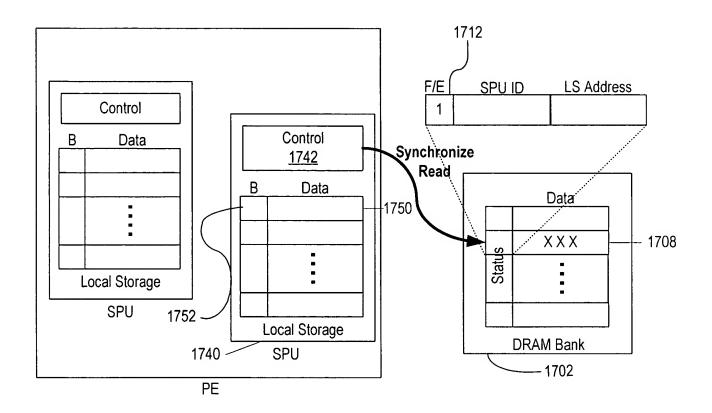
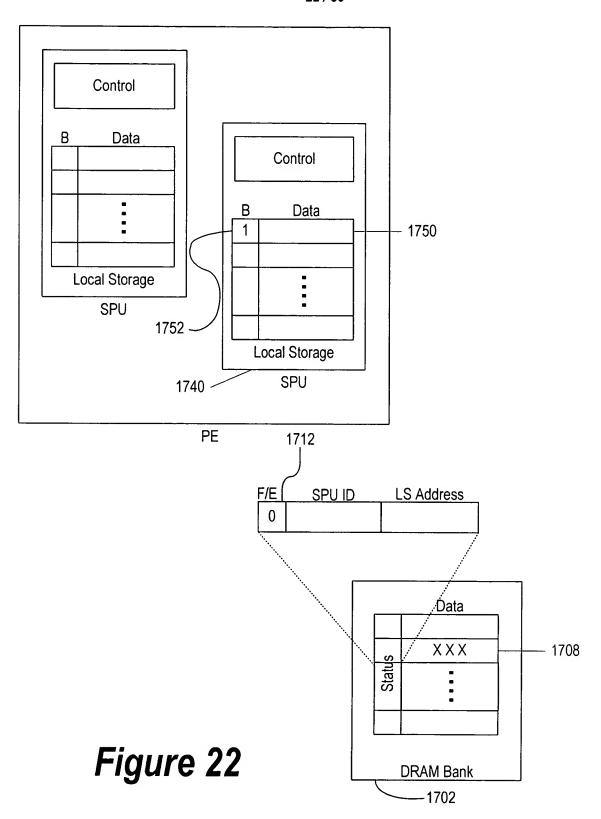


Figure 21

## Docket No. AUS920030403US1 Hofstee, et al. System and Method for a Configurable Int rface Controller



# Docket No. AUS920030403US1 Hofstee, et al. Syst m and Method for a Configurable Interfac Controller

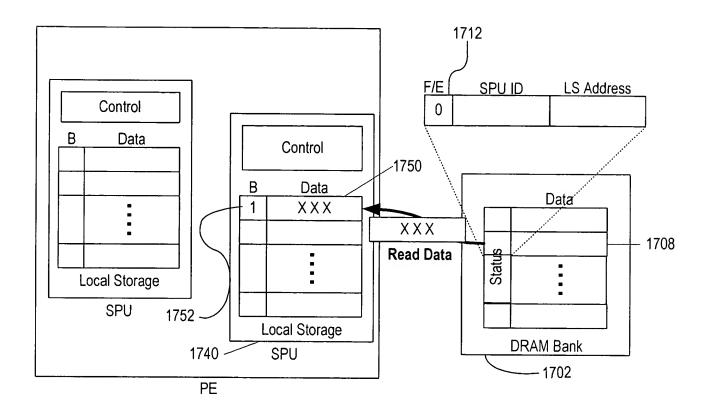
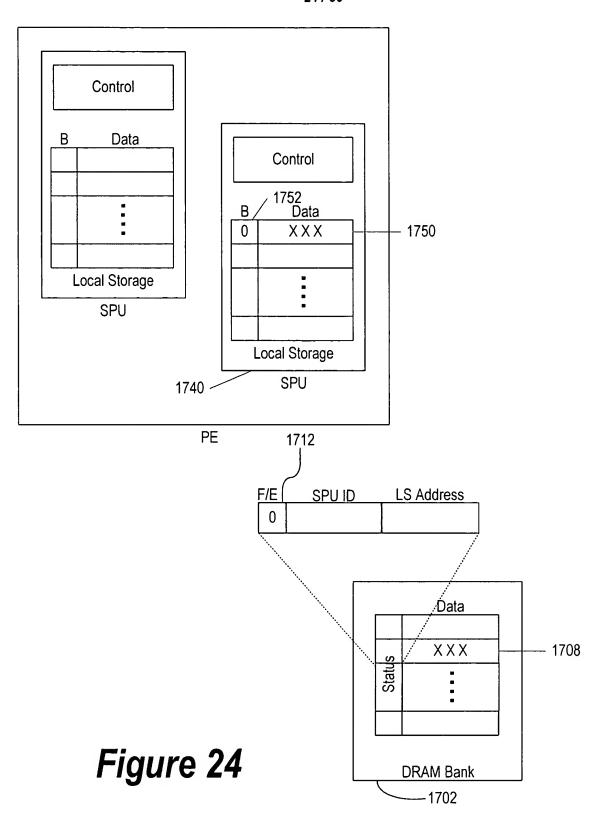
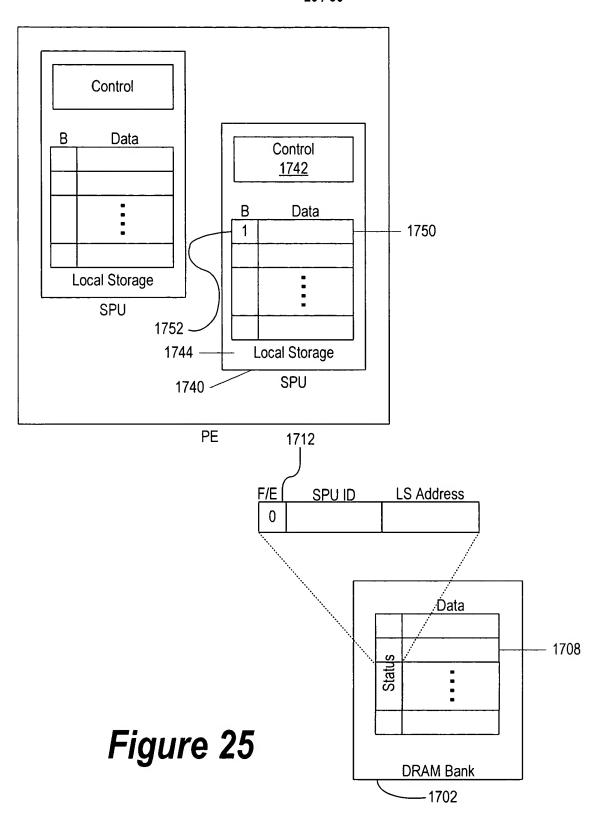


Figure 23

## Docket No. AUS920030403US1 Hofstee, et al. System and Method for a Configurable Int rfac Controll r



## Docket No. AUS920030403US1 Hofst e, et al. System and Method for a Configurable Interface Controller



## Dock t No. AUS920030403US1 Hofste , t al. System and Method for a Configurable Interface Controller

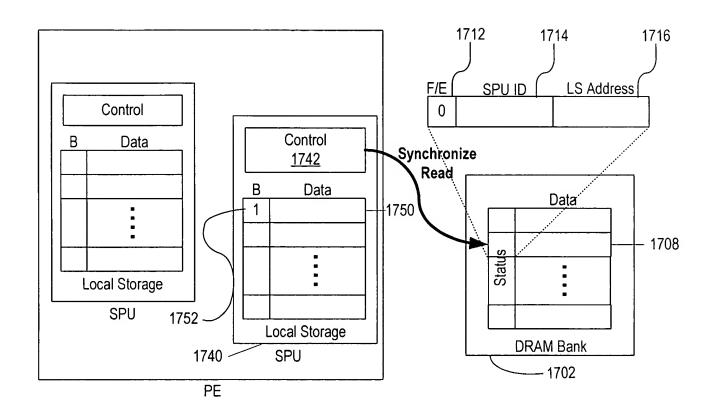


Figure 26

## Docket No. AUS920030403US1 Hofstee, et al. System and Method for a Configurable Interface Controller

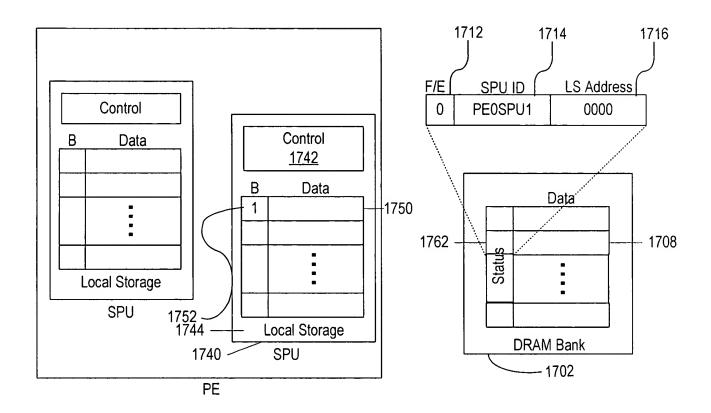


Figure 27

## D cket No. AUS920030403US1 Hofste , et al. System and Method for a Configurable Interface Controller

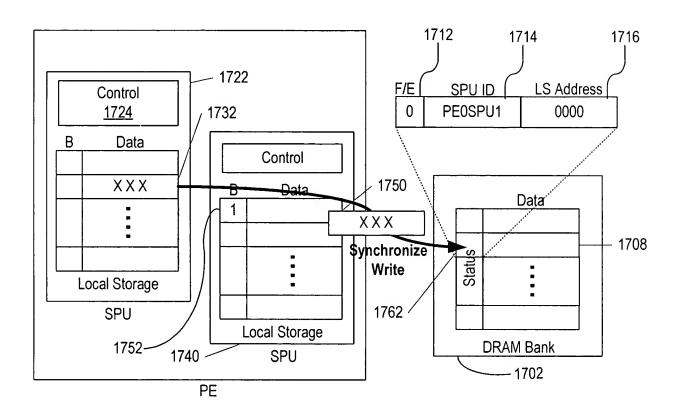


Figure 28

# Docket No. AUS920030403US1 Hofste , et al. System and Method for a Configurable Interfac Controller

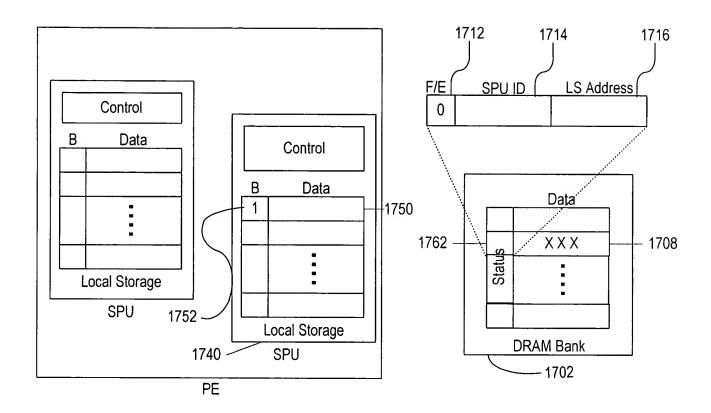


Figure 29

## Docket No. AUS920030403US1 Hofstee, et al. System and Method for a Configurable Interface Controller

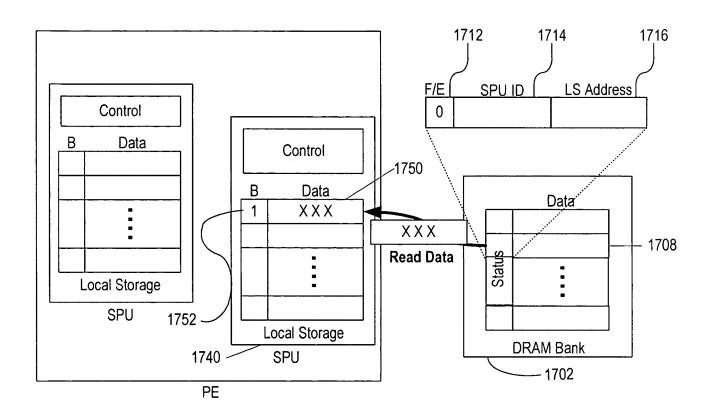


Figure 30

## Docket No. AUS920030403US1 Hofstee, et al. System and Method for a Configurable Interface Controller

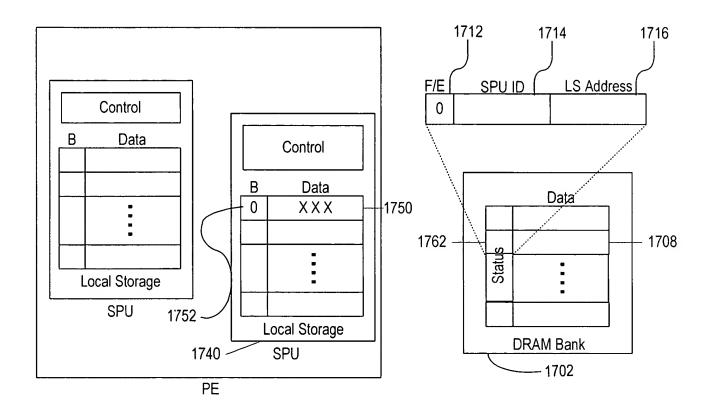


Figure 31

Docket No. AUS920030403US1

Hofst e, et al.

System and Method for a Configurable Interface Controller

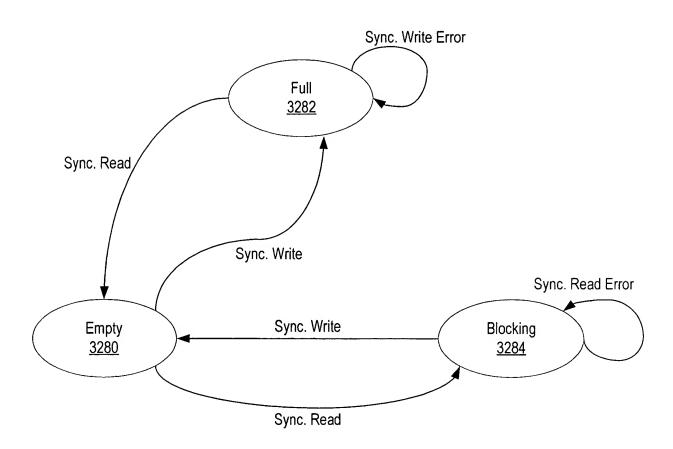


Figure 32

## Docket No. AUS920030403US1 Hofstee, et al. System and M thod for a Configurable Interface Controll r

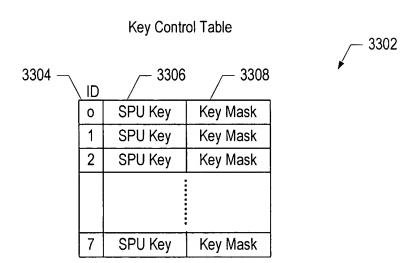


Figure 33

## Docket No. AUS920030403US1 Hofst , t al. System and Method for a Configurabl Interface Controller

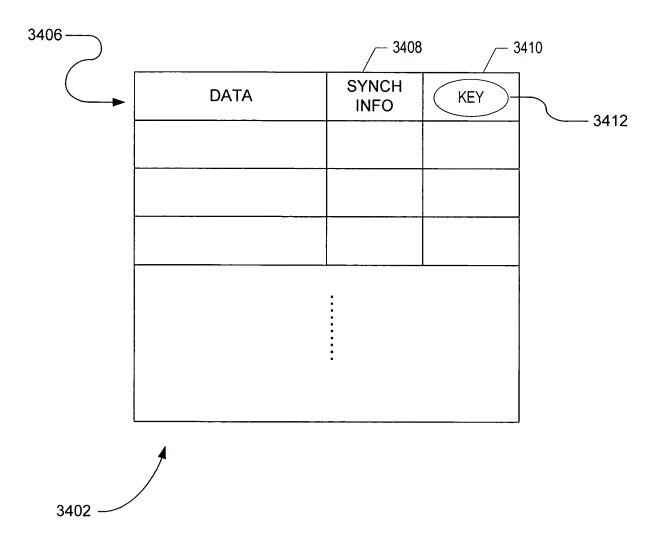


Figure 34

## Docket No. AUS920030403US1 Hofstee, et al. Syst m and Method for a Configurable Int rface Controller

35/50

### Memory Access Control Table

| 3504 — | 、ID | 3506 | _ 3  | 508 3510   | 3512            |
|--------|-----|------|------|------------|-----------------|
|        | 0   | Base | Size | Access Key | Access Key Mask |
|        | 1   | Base | Size | Access Key | Access Key Mask |
|        | 2   | Base | Size | Access Key | Access Key Mask |
|        |     |      |      |            |                 |
|        | 63  | Base | Size | Access Key | Access Key Mask |



Figure 35

## Docket No. AUS920030403US1 Hofstee, et al. System and Method for a Configurable Interface Controller

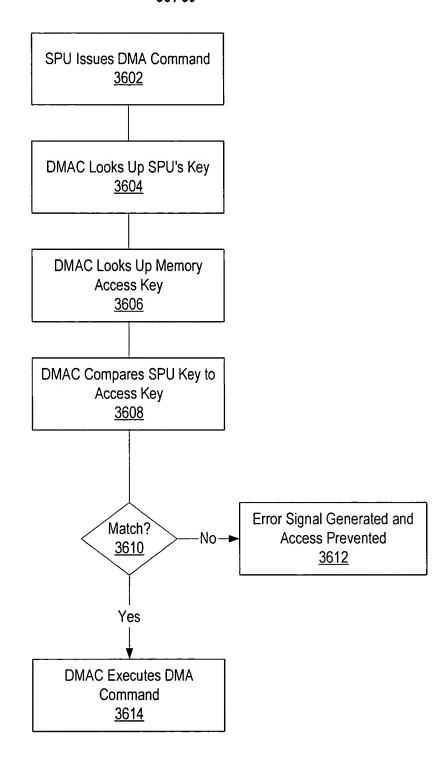


Figure 36

## Docket No. AUS920030403US1 Hofste , t al. System and Method for a Configurable Int rface Controller

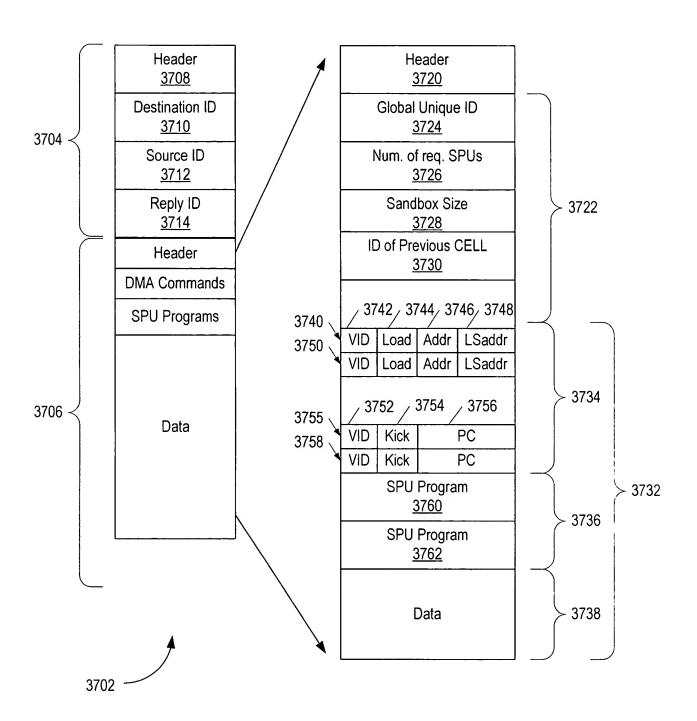


Figure 37

## Docket No. AUS920030403US1 Hofstee, et al. System and Method for a Configurabl Interface Controller

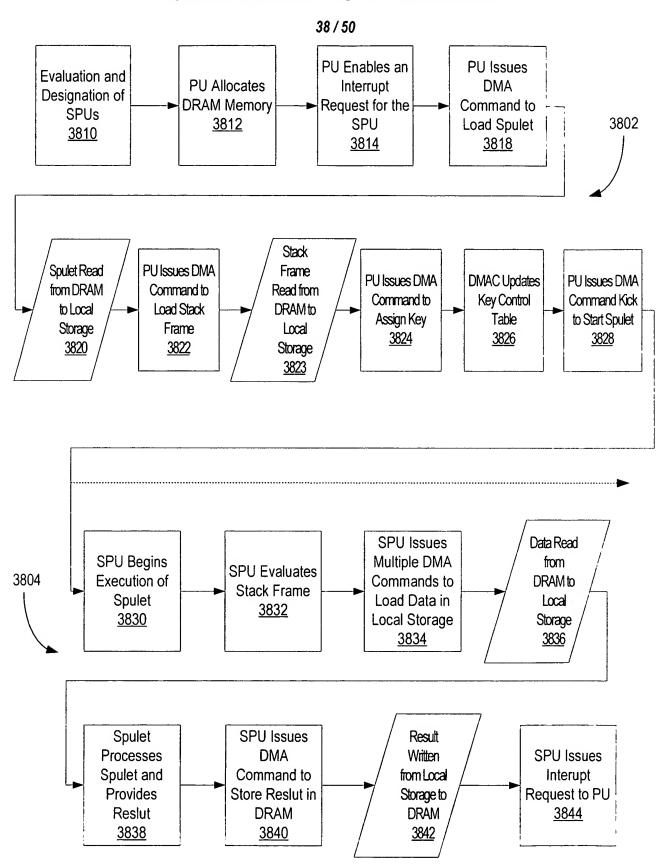
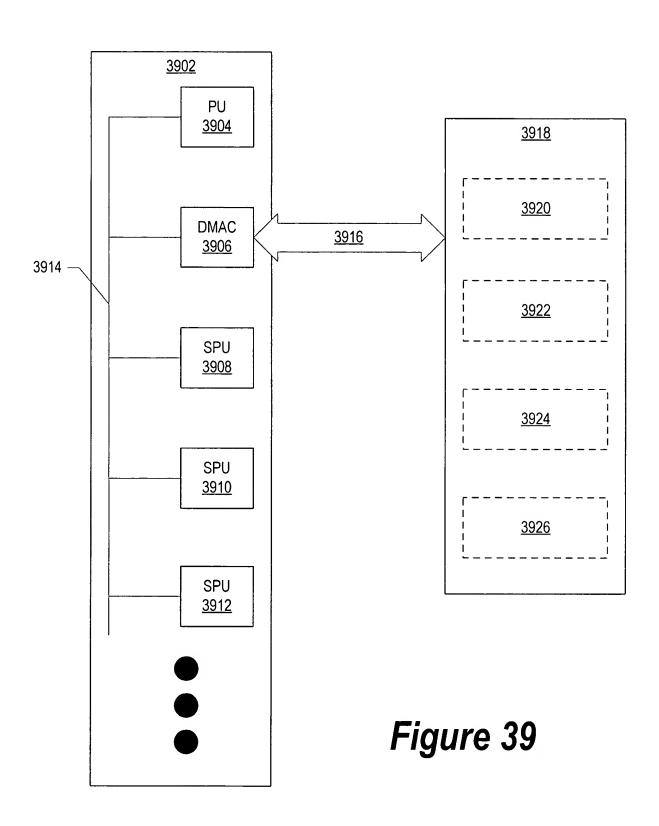


Figure 38

Docket No. AUS920030403US1
Hofstee, t al.
Syst m and Method for a Configurable Interface Controll r



MPEG Data

Synchronize

Written from

Network SPU to

Source Sandbox

4042

MPEG Data

Automatically Read

from Source

Sandbox to

Decoding SPU

4044

## Docket No. AUS920030403US1 Hofstee, et al. System and M thod for a Configurable Interface Controll r

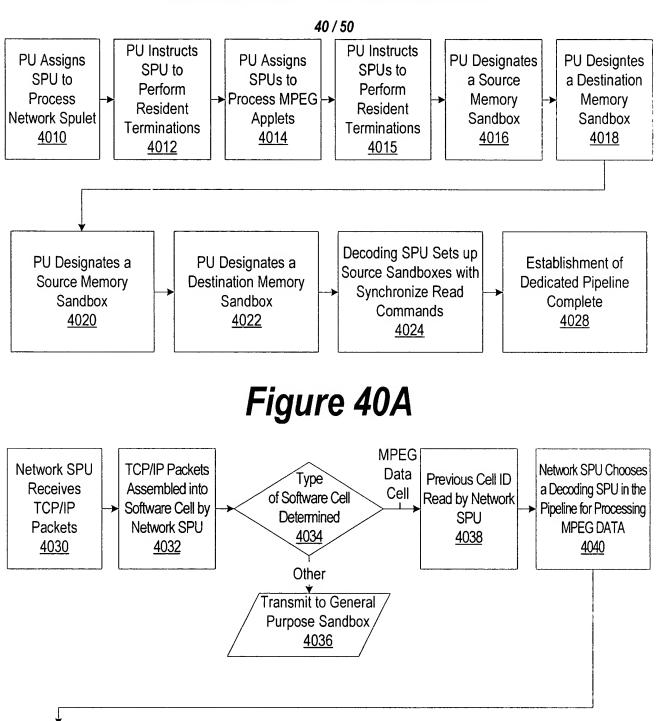


Figure 40B

Decoding SPU

Writes Video Data

to Destination

Sandbox

4048

Decoding SPU

Decodes MPEG

Data into Video

Data

4046

Decoding SPU

Sets up Source

Sandbox with

Synchronize Read

Command

4050

Decoding SPU

Placed is Resident

Termination

4052

## Docket No. AUS920030403US1 Hofstee, et al. System and M thod for a Configurabl Interface Controller

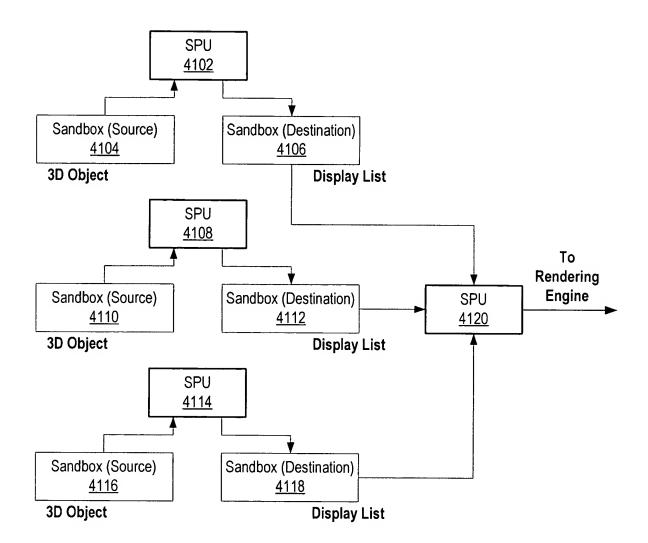


Figure 41

## Dock t No. AUS920030403US1 Hofstee, et al. System and Method for a Configurable Interface Controller

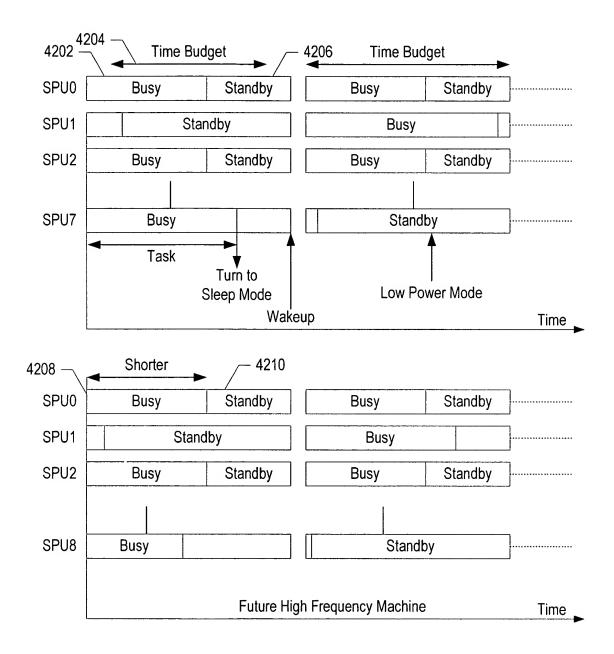


Figure 42

# Docket No. AUS920030403US1 Hofstee, et al. System and Method for a Configurabl Int rface Controll r

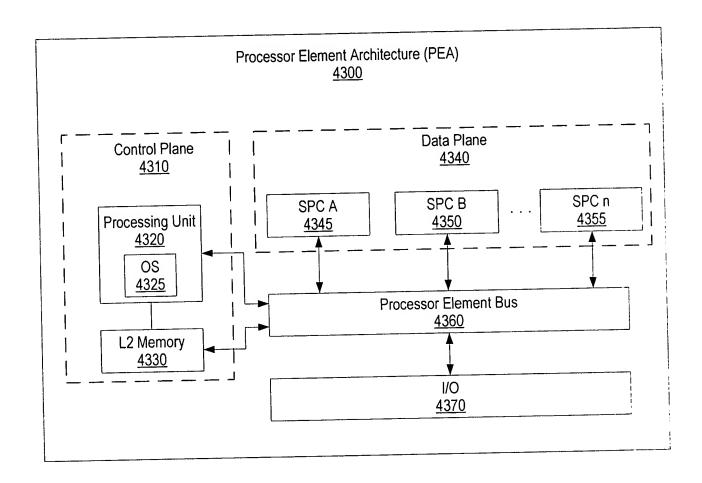


Figure 43

## Docket No. AUS920030403US1 Hofstee, et al. System and Method for a Configurabl Interface Controller

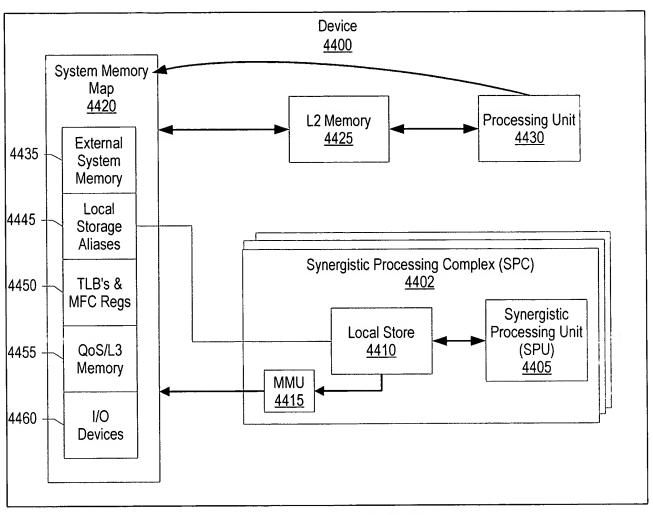


Figure 44A

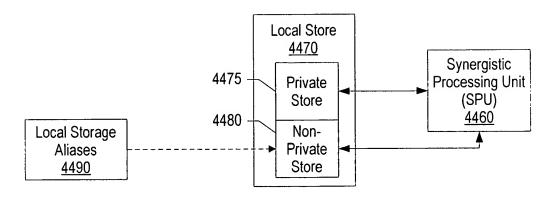


Figure 44B

Docket No. AUS920030403US1

Hofstee, et al.

System and M thod for a Configurabl Interfac Controller

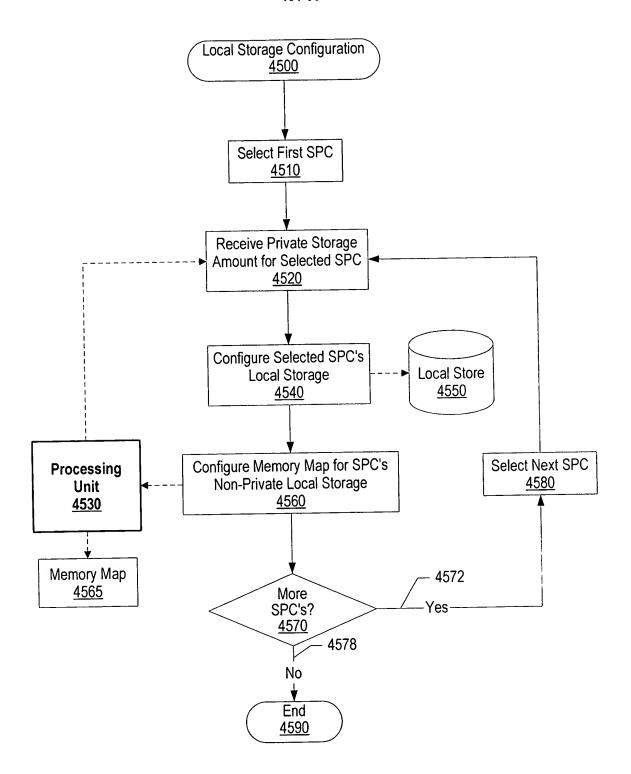
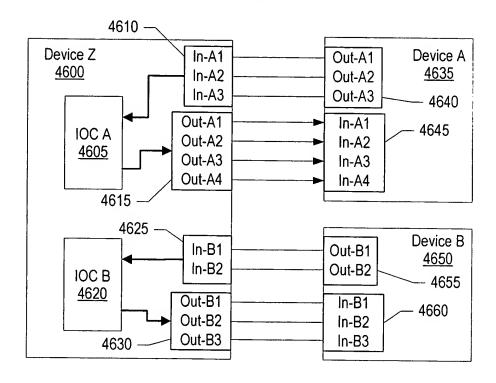


Figure 45

## Docket No. AUS920030403US1 Hofstee, tal. System and Method for a Configurable Int rface Controller

46 / 50



## Figure 46A (Prior Art)

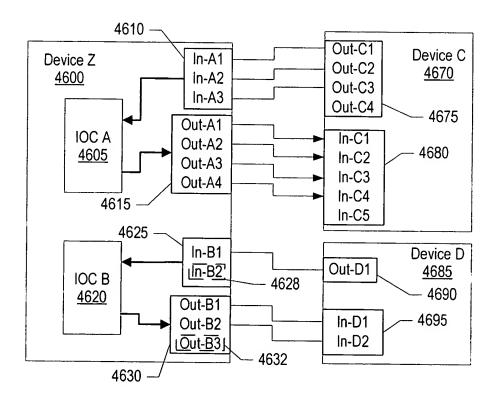
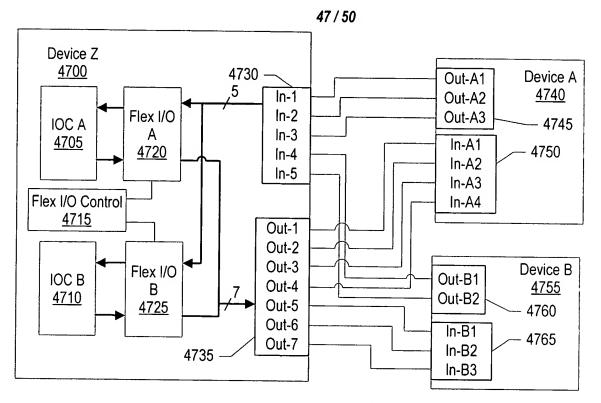


Figure 46B (Prior Art)

## Docket No. AUS920030403US1 Hofstee, tal. Syst m and Method for a Configurable Int rface Controller



### Figure 47A

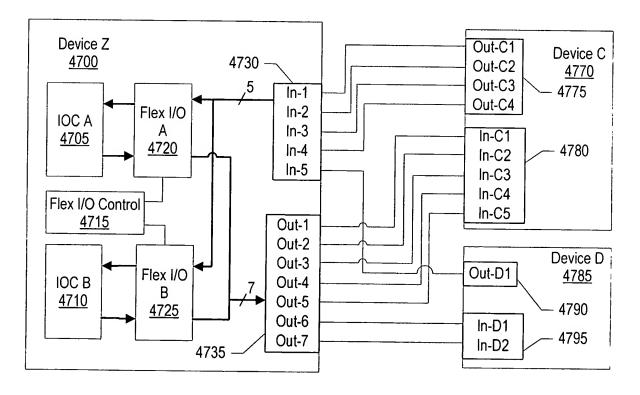


Figure 47B

Docket No. AUS920030403US1

Hofste , t al.

System and Method for a Configurable Interface Controll r

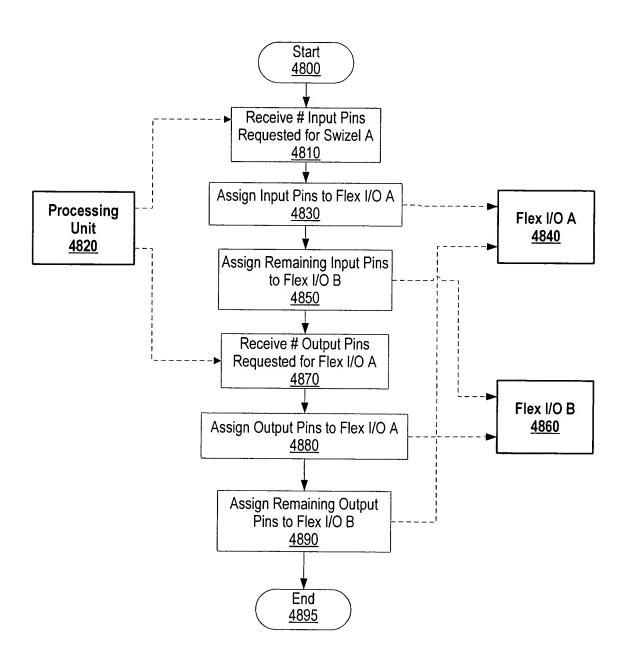
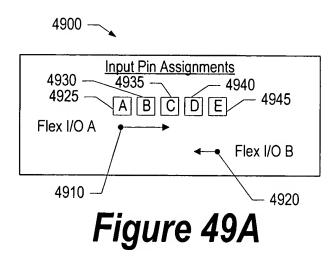
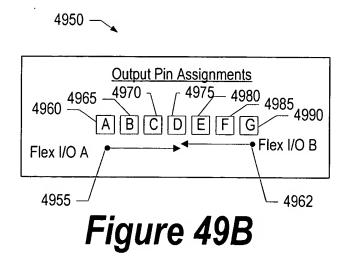


Figure 48

Docket No. AUS920030403US1
Hofstee, et al.
System and Method for a Configurable Interface Controller





Docket No. AUS920030403US1
Hofstee, et al.
System and Method for a Configurable Interface Controller

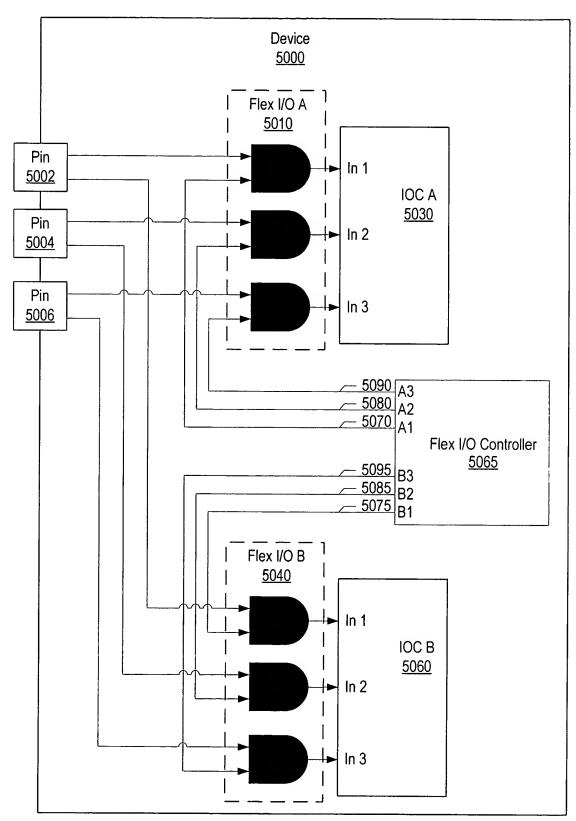


Figure 50